

AMENDMENTS TO THE SPECIFICATION

On page 12, after the fourth paragraph, please insert the following new paragraph:

Fig. 23 illustrates events carried out in assessing electrical isolation of a vein.

Please amend the last paragraph on page 45 of the specification as follows:

In accordance with another aspect of the present invention, the tissue ablation system further includes a temperature sensor which is applied to measure the temperature of the ablated tissue during the ablation. In one embodiment, the temperature sensor 27t is mounted to the ablation device proximate the energy

Please amend the last paragraph on page 47 of the specification as follows:

As mentioned, the present invention may be applied in an intra-coronary configuration where the ablation device is used to isolate the pulmonary vein from the left atrium. FIG. 2C illustrates that a distal end of the ablation sheath 22 is adapted for insertion into the pulmonary vein. In this embodiment, the distal end of the ablation device may include at least one electrode used to assess the electrical isolation of the vein. This is performed by pacing the distal electrode to "capture" the heart, see event 2310 of Fig 23. If pacing captures the heart (events 2320, 2322), the vein is not yet electrically isolated, while, if the heart cannot be captured (events 2320, 2324), the pulmonary vein